User Guide

95W 10G PoE Injector

Package Contents

Check the following contents of your package:

- PoE Injector   x 1
- User Guide x 1
- Power Cord   x 1
- Accessories(hanging ears*2, Guide rail clip*1 ,Rubber Feet*4,screw*4)

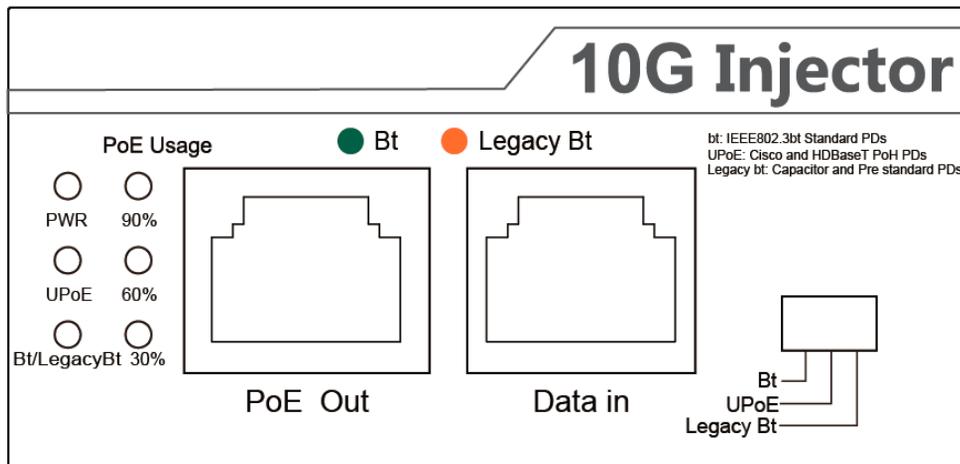If any part is lost and damaged, please contact your local agent immediately.

Introduction

PoE Injector Provides fully complies with IEEE 802.3af/at/bt standard, and can work with all IEEE 802.3af /at/bt PoE compliant PDs (Powered Devices) or PoE Receiver Adapters or other equivalent product, to expand your network to where there are no power line or outlet, where you wish to fix device such as AP, IP Camera or IP Phone, etc.

Hardware Description

Front Panel

The front panel composed by PSE output ports with data link port, the relevant indicator, as shown below:

Intelligent display of PoE power supply

When using the PoE power supply to connect the PD equipment, you should wait patiently for about 10S.
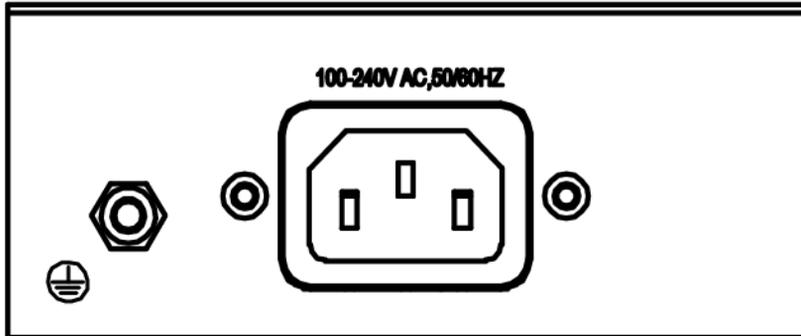
LED indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the machine has power.
UPoE	Green	When the DIP switch is pushed to UPoE mode for power supply, the "UPoE" light will turn green
bt/ Legacy bt	Green Orange	When the DIP switch is pushed to bt mode for power supply, the "bt " light will turn green When the DIP switch is pushed to Legacy bt mode for power supply, the " Legacy bt " light will turn Orange
PoE Usage	Green	the output power reaches 30%-50%, "30%" lights, the output power reaches 60%-80%, "30% to 60%" lights. the output power is up to 95%, PoE Usage the indicating lamp will all light

Grounding column

The machine already comes with lightning protection mechanism. You can also ground the machine through the PE (Protecting Earth) cable of AC cord or with Ground Cable.

Rear Panel

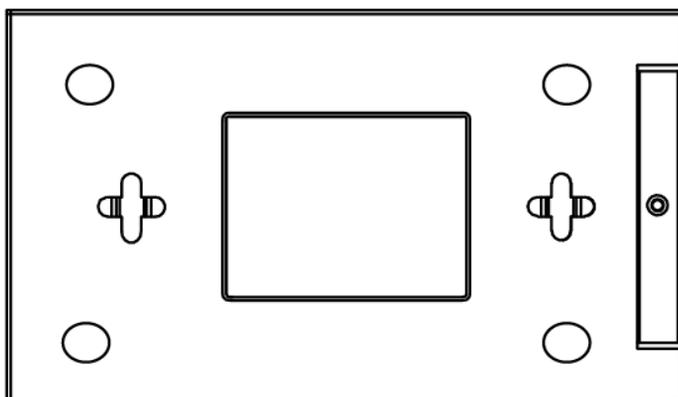The rear panel of AC inlet power socket and Grounding column.

Installation

This part describes how to install your machine and make connections to it. Please follow the following instructions in avoid of incorrect installation causing device damage and security threat.

- Before cleaning the machine, unplug the power plug of the machine first. Do not clean the machine with wet cloth or liquid;
- Do not place the machine near water or any damp area. Prevent water or moisture from entering the machine chassis;
- Do not place the machine on an unstable case or desk. The machine might be damaged severely in case of a fall;
- Ensure proper ventilation of the equipment room and keep the ventilation vents of the machine free of obstruction;
- Make sure that the operating voltage is the same one labeled on the machine;
- Do not open the chassis while the machine is operating or when electrical hazards are present to avoid electrical shocks.
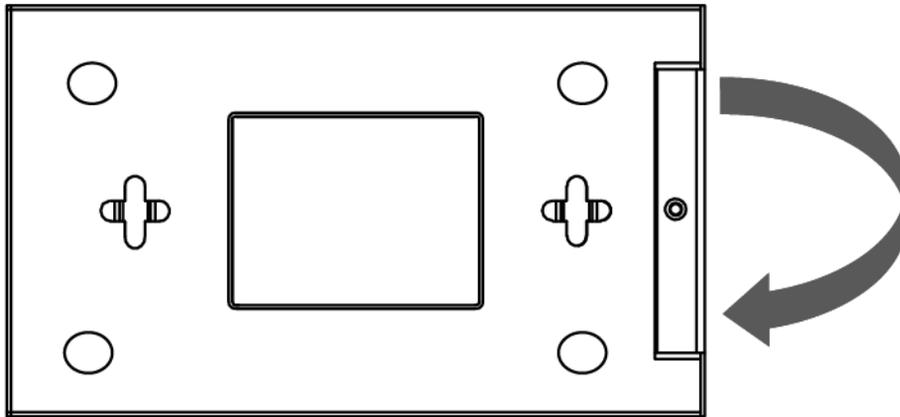
Desktop Installation

Install the machine on a desktop, please attach these cushioning rubber feet provided on the bottom at each corner of the machine in case of the external vibration. Allow adequate space for ventilation between the device and the objects around it.
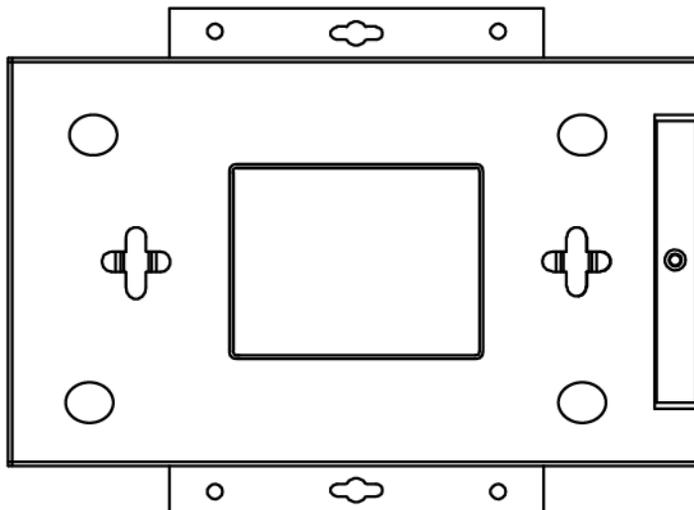
Wall-mounted installation（Two ways）

1.In the first two fixed screw (M4 and a nut diameter of 8mm)on the wall as shown in the figure below

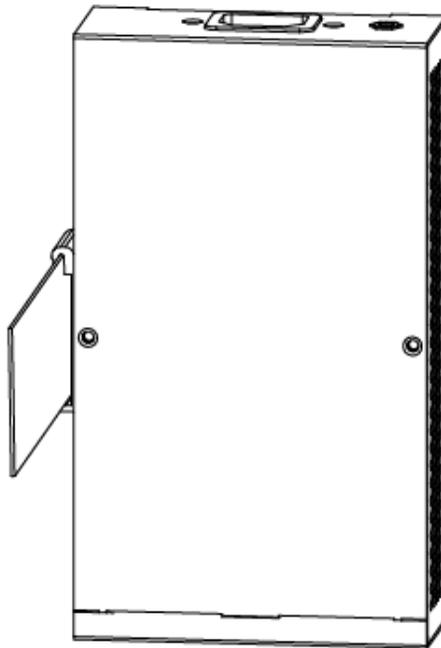Aim at the two fixed hole and the machine smoothly on the screw

2. In the first two fixed screw (M4 and a nut diameter of 8mm)on the wall as shown in the figure below

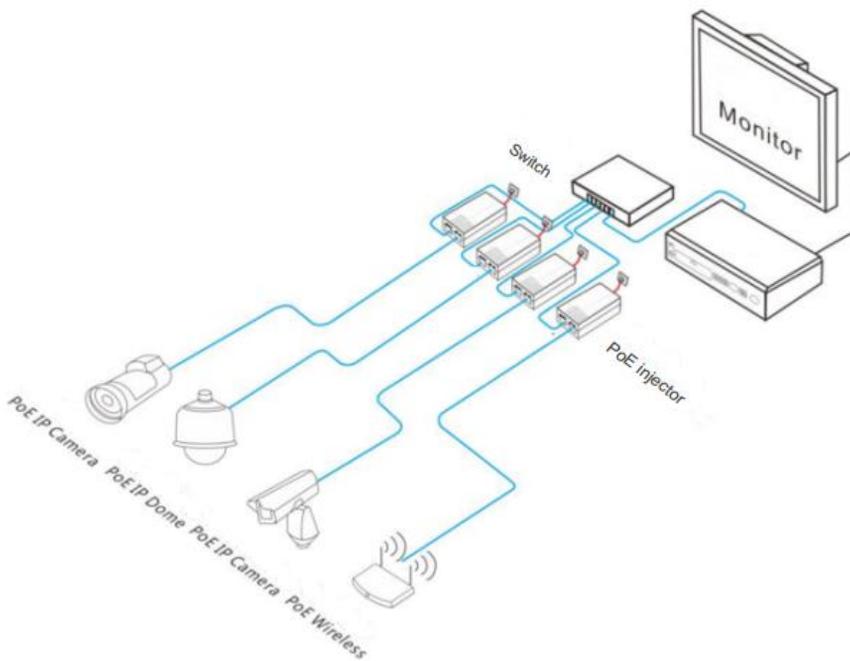Aim at the two hanging ears fixed hole, and the machine smoothly on the screw

DIN-rail mounting

Adopt the 45mm standard DIN card rail type installation, Check whether the DIN-rail rail mounting tool accessoriescheck whether the DIN rail is firm .

The DIN card into the DIN rail rail connector, check and confirm the product reliable installation to DIN rail

Application diagram of PoE injector：

Power on

The machine can be used with AC power supply. Powering on the machine, it will automatically initialize and its LED indicators will respond as follows:

Firstly, the Power LED indicator will light up.

Then, the data LED indicators will flash momentarily for one second, which represents a resetting of the system.

Specifications

Model	95W 10G PoE injector
Port	Data in: 1x10/100/1000/10000Mbps RJ45 Port PoE Out: 1x10/100/1000/10000Mbps RJ45 Port
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3bt
Network Media(Cable)	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m) 1000BASE-T: UTP category 5e cable (≤100m) 10000BASE-T: UTP category 6,6e cable(≤100m)
Dimensions (L*W*H)	172 *100*41 mm
mains input	AC 100V-240V 50/60Hz
PoE power output	DC 55V Power 95W
PSE Power on RJ-45	4 Pair 1/2(-),3/6(+) 4/5(+),7/8(-)
PoE Output	95W(Max)
Temperature	Operating Temperature: 0°C ~ 40 °C (32 °F ~104°F) Storage Temperature: -40 °C ~ 70 °C (-40 °F ~158°F)
Humidity	Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing